



KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY COLLEGE OF SCIENCE, DEPARTMENT OF BIOCHEMISTRY AND BIOTECHNOLOGY



In Collaboration with
THE UNIVERSITY OF IBADAN, NIGERIA
FACULTY OF VETERINARY MEDICINE, DEPARTMENTS OF BIOCHEMISTRY AND PHYSIOLOGY

INTRODUCTION

Oxidative stress has being identified as key pathological basis of several human and animal diseases; thus mechanisms aimed at arresting this are prominent in many research designs.

Similarly, immunohistochemical techniques, which involves identification of cytokines and protein expression parterns (in inflammation, apoptosis, etc) have become very important in diagnosis and prognosis as well key mechanisms in disease treatment. Thus, this workshop seeks to introduce participants to

- 1. Key theoritical and practical concepts in oxidative stress analyses (pro- and anti-oxidants)
- 2. Tissue preparation, staining techniques and anlyses of immunohistochemical slides
- 3. Research design involving such techniques in cell-free and whole organism research

WEST AFRICAN REGIONAL WORKSHOP ON OXIDATIVE STRESS AND IMMUNOHISTOCHEMISTRY TECHNIQUES – THEORY AND PRACTICE

TARGET GROUP

Scientists and graduate students involved in biomedical research of human and animal subjects from Universities, Hospitals and Research Institutes across the West African Sub-region

DATES

Tuesday 11th and Wednesday 12th September 2018

TIME

9am to 3pm each day

VENUE

College of Science, KNUST, Kumasi

FACILITATORS

- l. Prof. Ben O. Emikpe, Chair, Department of Veterinary Pathology, Ul
- 2. Dr. Ademola Oyagbemi, Cardiorenal Research Group, Department of Veterinary Biochemistry and Physiology, Ul
- 3. Dr. Christopher Larbie, Lead Researcher, HepatoRenal Group and Oxidative Stress Laboratory, Department of Biochemistry and Biotechnology, College of Science, KNUST

TO REGISTER

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